Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021624\
Data File : BN029833.D
Acq On : 16 Feb 2024 19:00
Operator : MA/JU
Sample : PB158968BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158968BSD

Quant Time: Feb 16 23:57:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	5359	0.400	ng	0.00
7) Naphthalene-d8	10.669	136	13888	0.400	ng	# 0.00
13) Acenaphthene-d10	14.511	164	6071	0.400	ng	0.00
19) Phenanthrene-d10	17.255	188	11202	0.400	ng	# 0.00
29) Chrysene-d12	21.465	240	9431	0.400	ng	# 0.00
35) Perylene-d12	23.832	264	10066	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	5481	0.426	ng	0.00
5) Phenol-d6	7.038	99	6216	0.419	ng	0.00
8) Nitrobenzene-d5	9.035	82	4172	0.361	ng	0.00
11) 2-Methylnaphthalene-d10	12.257	152	8318	0.440	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	880	0.452	ng	0.00
15) 2-Fluorobiphenyl	13.132	172	9362	0.359	ng	0.00
27) Fluoranthene-d10	19.299	212	9024	0.333	ng	0.00
31) Terphenyl-d14	19.907	244	7058	0.302	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.362	88	2358	0.313	ng	# 61
3) n-Nitrosodimethylamine	3.694	42	1939	0.315	ng	# 91
6) bis(2-Chloroethyl)ether	7.305	93	4758	0.336	ng	98
9) Naphthalene	10.712	128	12685	0.321	ng	99
10) Hexachlorobutadiene	10.989	225	2404	0.320	ng	# 100
12) 2-Methylnaphthalene	12.333	142	7301	0.314	ng	99
16) Acenaphthylene	14.233	152	9671	0.335	ng	100
17) Acenaphthene	14.575	154	6032	0.312	ng	99
18) Fluorene	15.555	166	7165	0.295	ng	98
20) 4,6-Dinitro-2-methylph...	15.654	198	342	0.208	ng	# 81
21) 4-Bromophenyl-phenylether	16.461	248	2215	0.332	ng	# 77
22) Hexachlorobenzene	16.560	284	2604	0.318	ng	96
23) Atrazine	16.734	200	1594	0.336	ng	94
24) Pentachlorophenol	16.908	266	991	0.382	ng	97
25) Phenanthrene	17.305	178	10840	0.327	ng	99
26) Anthracene	17.392	178	9098	0.322	ng	100
28) Fluoranthene	19.331	202	11277	0.303	ng	98
30) Pyrene	19.694	202	11968	0.276	ng	99
32) Benzo(a)anthracene	21.447	228	10110	0.314	ng	99
33) Chrysene	21.501	228	11258	0.307	ng	99
34) Bis(2-ethylhexyl)phtha...	21.393	149	5449	0.248	ng	99
36) Indeno(1,2,3-cd)pyrene	26.285	276	12837	0.317	ng	93
37) Benzo(b)fluoranthene	23.116	252	11222	0.312	ng	99
38) Benzo(k)fluoranthene	23.163	252	11179	0.297	ng	99
39) Benzo(a)pyrene	23.730	252	9555	0.305	ng	97
40) Dibenzo(a,h)anthracene	26.314	278	9752	0.303	ng	94
41) Benzo(g,h,i)perylene	27.031	276	11631	0.296	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021624\
Data File : BN029833.D
Acq On : 16 Feb 2024 19:00
Operator : MA/JU
Sample : PB158968BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Time: Feb 16 23:57:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
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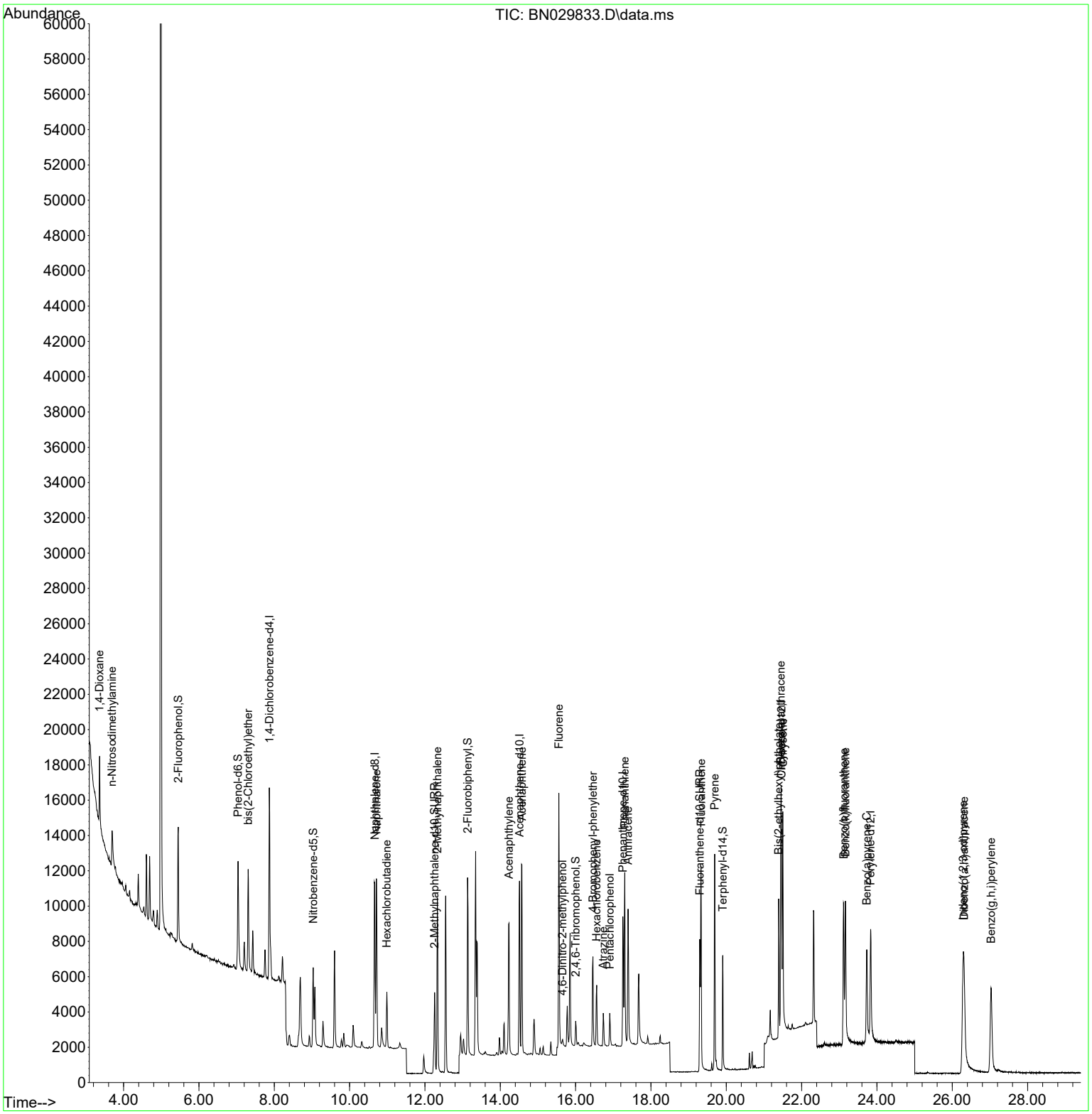
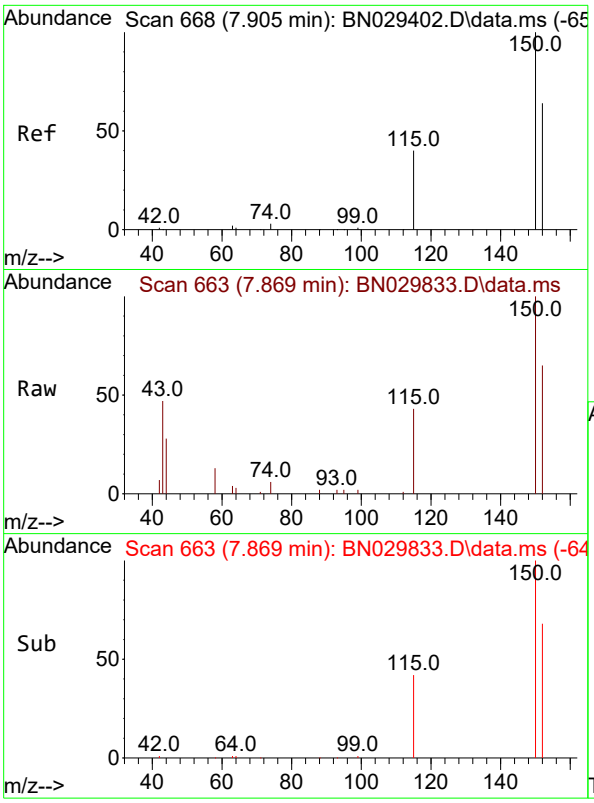


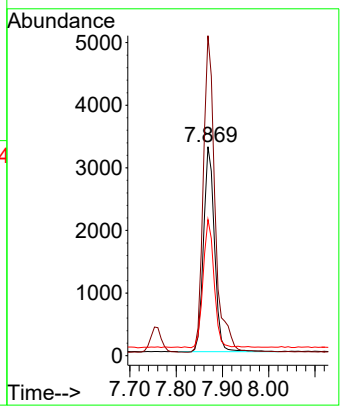


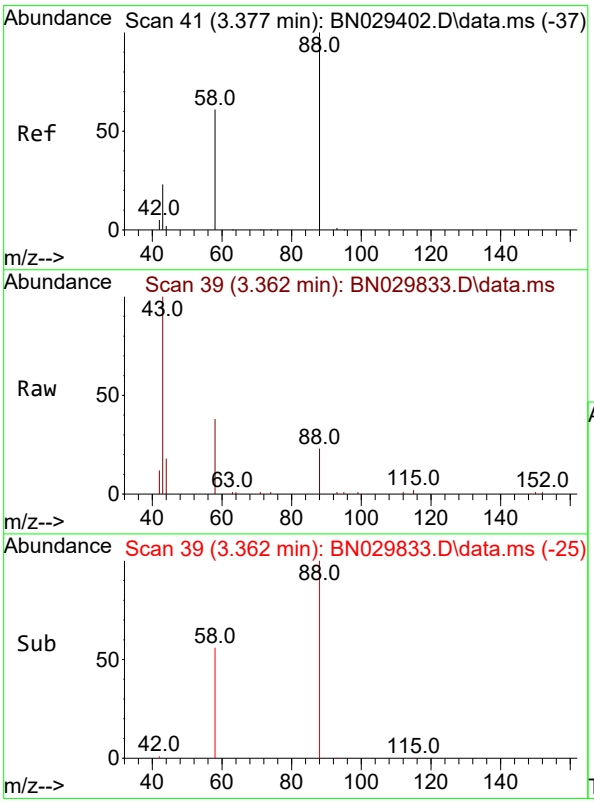
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB158968BSD

Tgt Ion:152 Resp: 5359

Ion	Ratio	Lower	Upper
152	100		
150	153.1	123.0	184.4
115	65.2	51.4	77.0

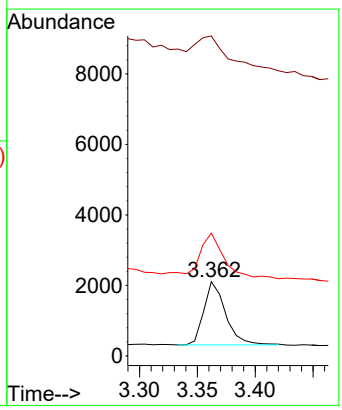


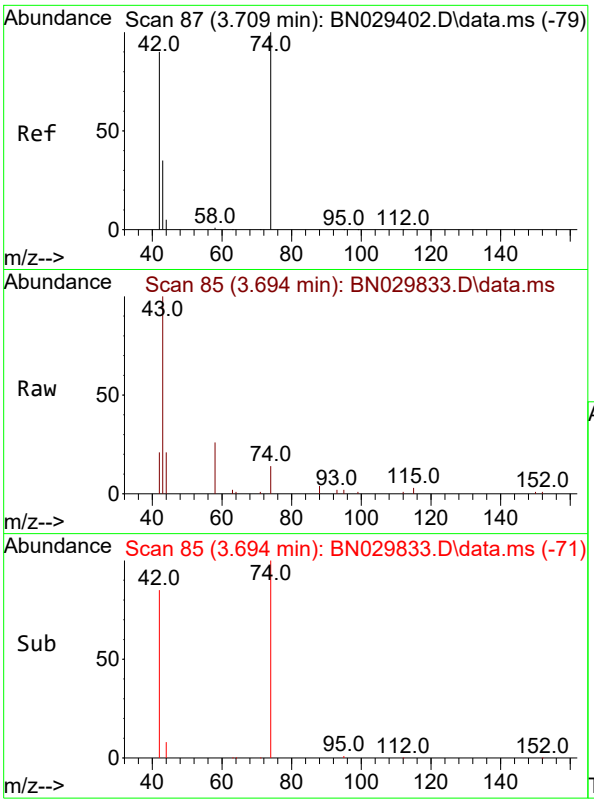


#2
1,4-Dioxane
Concen: 0.313 ng
RT: 3.362 min Scan# 39
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Tgt Ion: 88 Resp: 2358

Ion	Ratio	Lower	Upper
88	100		
43	81.8	23.3	34.9#
58	77.3	53.8	80.6



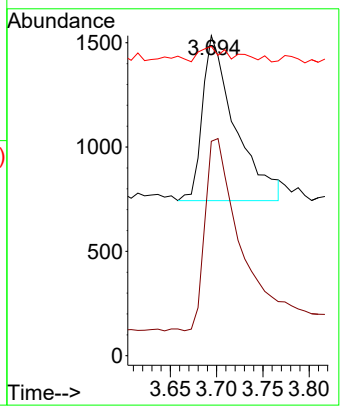


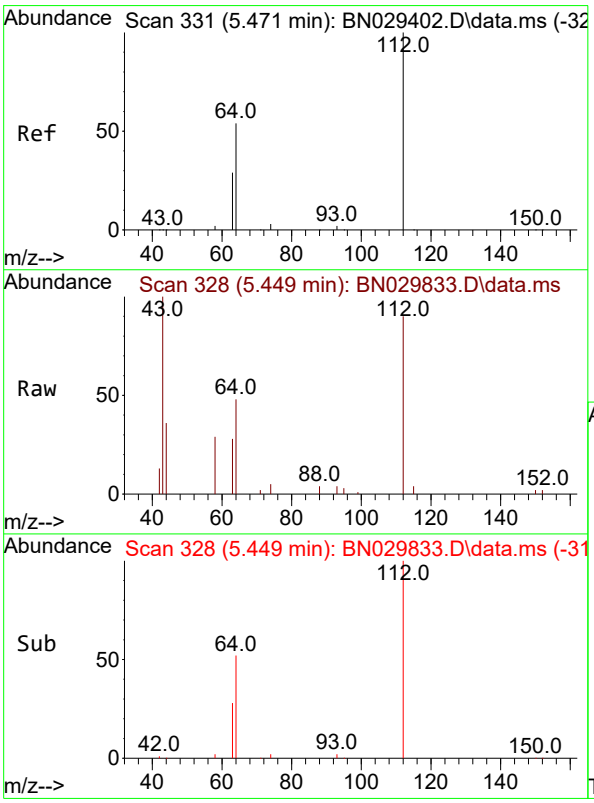
#3
n-Nitrosodimethylamine
Concen: 0.315 ng
RT: 3.694 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB158968BSD

Tgt Ion: 42 Resp: 1939

Ion	Ratio	Lower	Upper
42	100		
74	125.3	93.7	140.5
44	6.3	13.0	19.4#

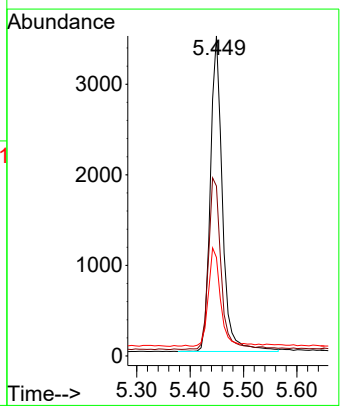


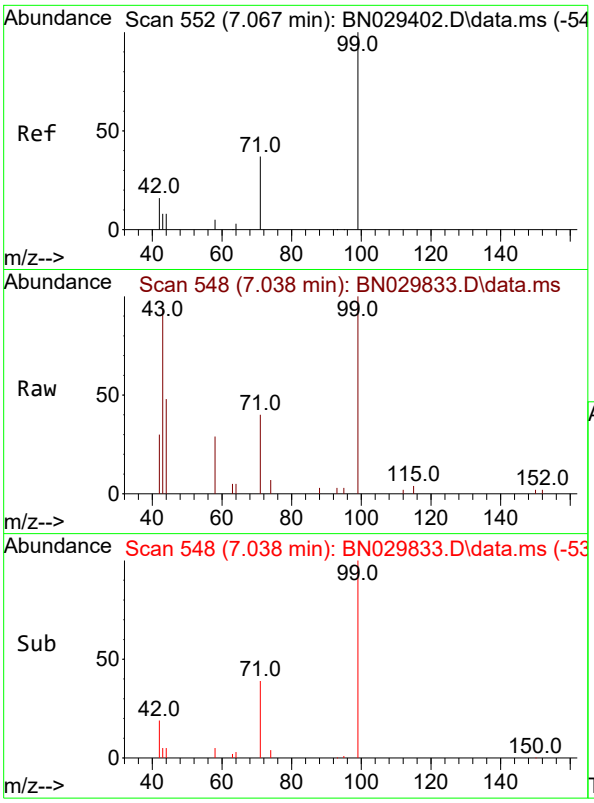


#4
2-Fluorophenol
Concen: 0.426 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.007 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Tgt Ion:112 Resp: 5481

Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.2	70.8
63	31.9	25.8	38.6



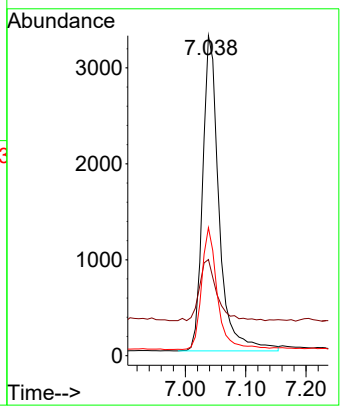


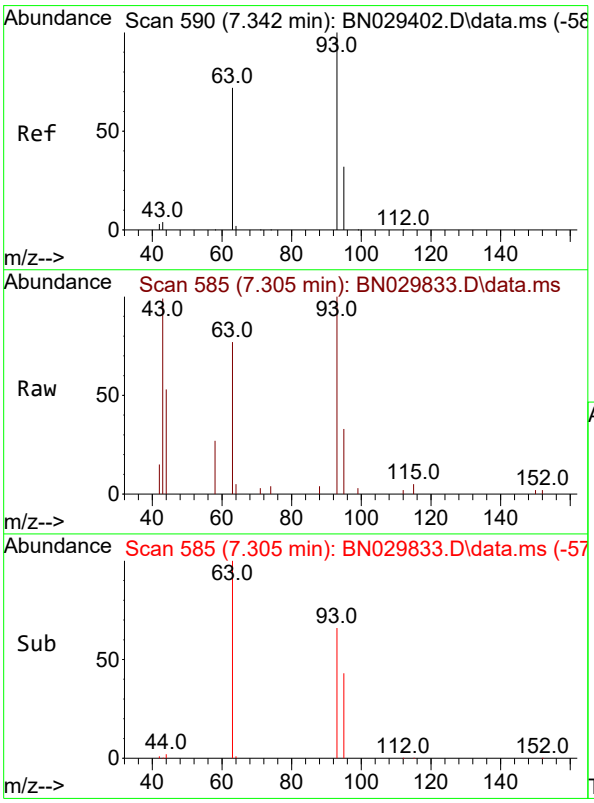
#5
Phenol-d6
Concen: 0.419 ng
RT: 7.038 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB158968BSD

Tgt Ion: 99 Resp: 6216

Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.9	25.3
71	37.3	30.0	45.0

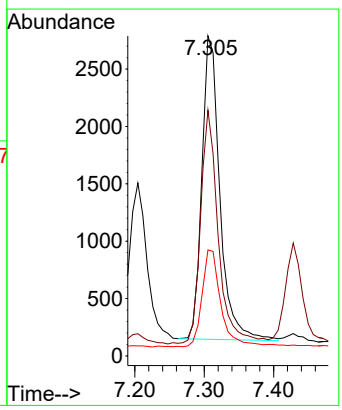


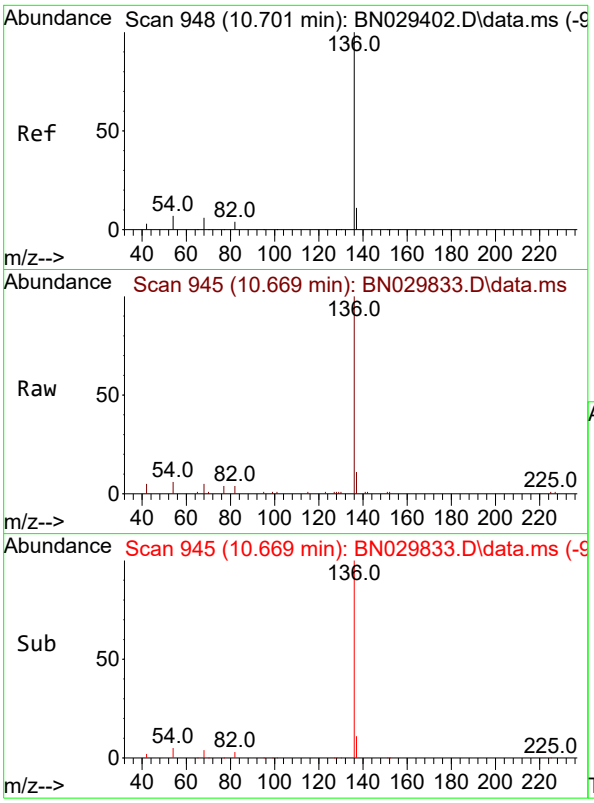


#6
bis(2-Chloroethyl)ether
Concen: 0.336 ng
RT: 7.305 min Scan# 585
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Tgt Ion: 93 Resp: 4758

Ion	Ratio	Lower	Upper
93	100		
63	76.5	63.1	94.7
95	34.5	27.1	40.7



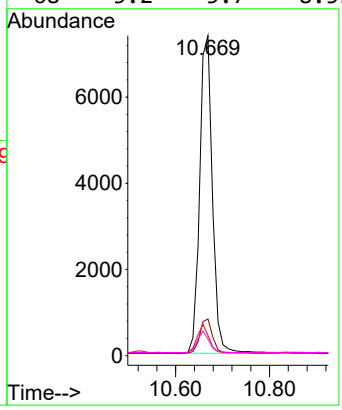


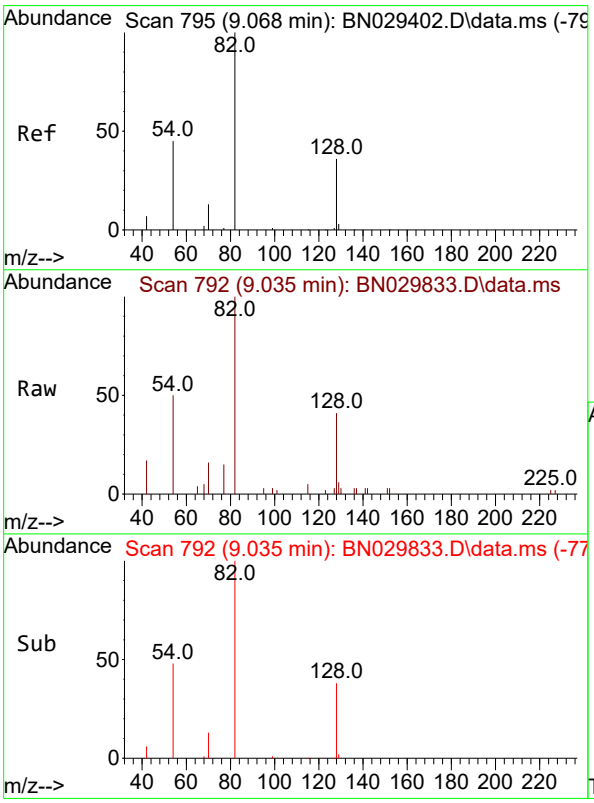
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.669 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB158968BSD

Tgt Ion:136 Resp: 13888

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.7	14.5
54	6.4	6.6	10.0#
68	5.2	5.7	8.5#

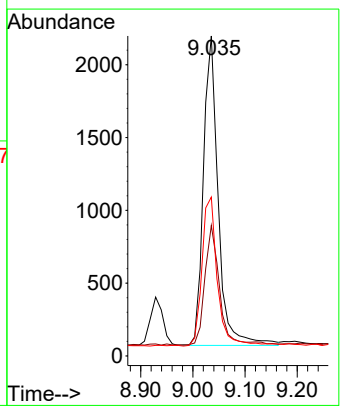


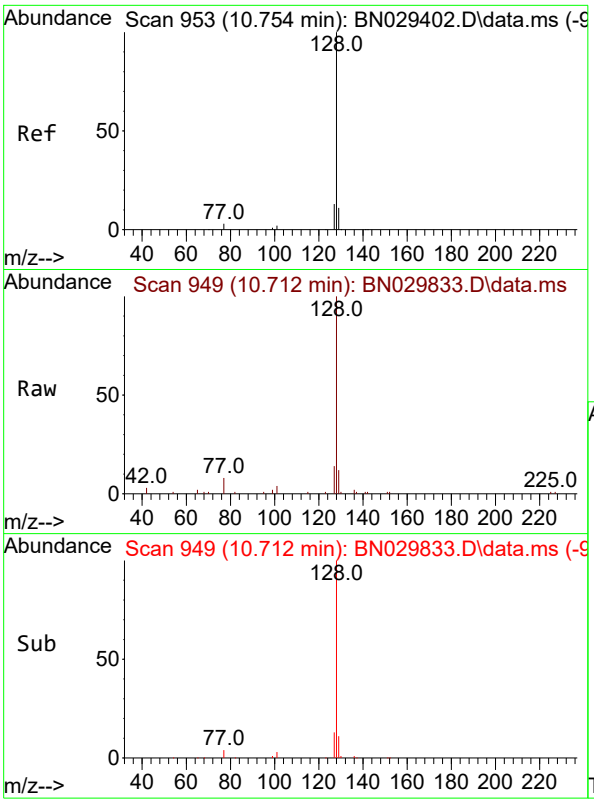


#8
Nitrobenzene-d5
Concen: 0.361 ng
RT: 9.035 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Tgt Ion: 82 Resp: 4172

Ion	Ratio	Lower	Upper
82	100		
128	40.8	31.6	47.4
54	49.6	38.2	57.4



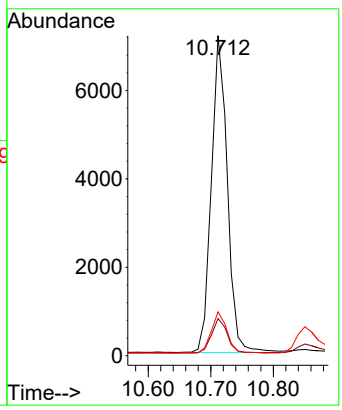


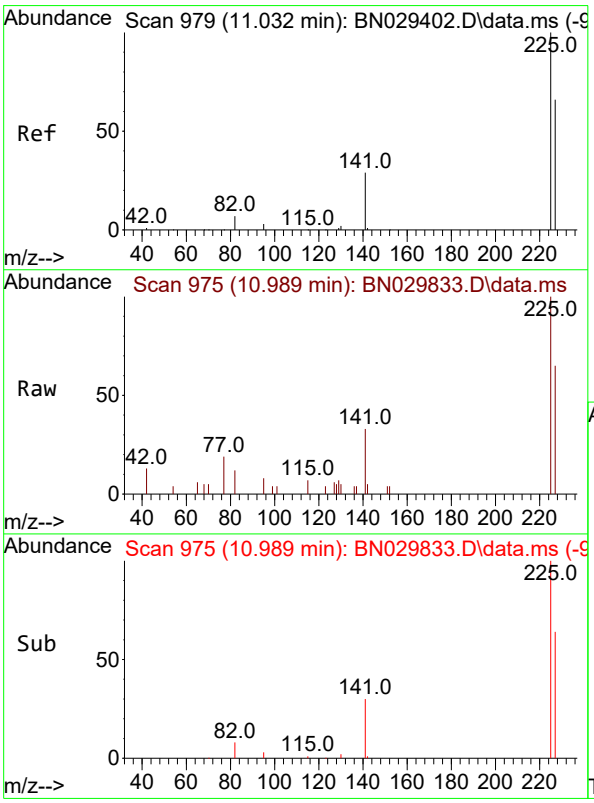
#9
Naphthalene
Concen: 0.321 ng
RT: 10.712 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB158968BSD

Tgt Ion:128 Resp: 12685

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.5	14.3
127	13.7	10.8	16.2

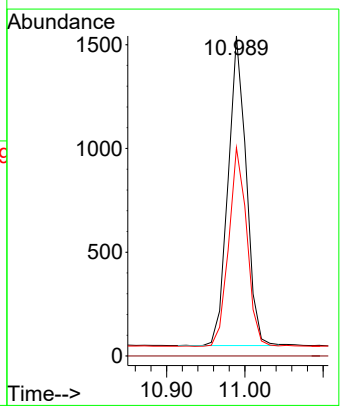


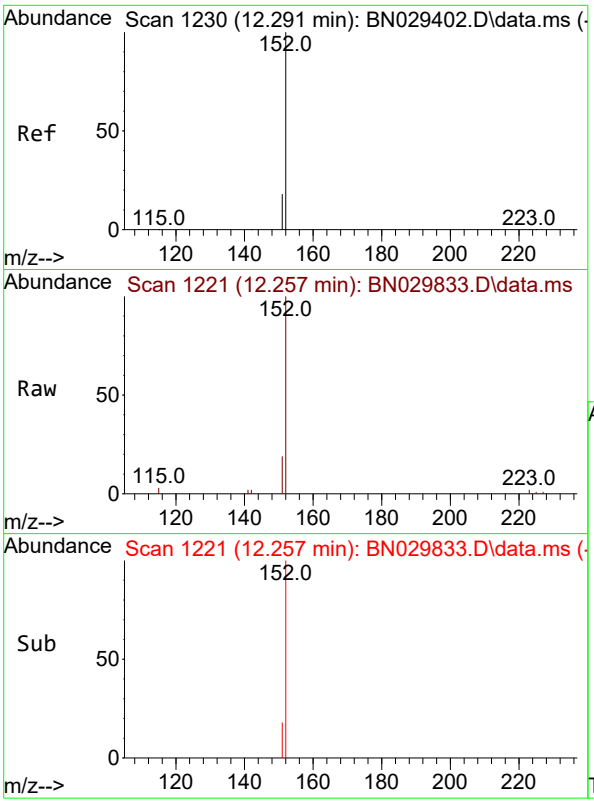


#10
Hexachlorobutadiene
Concen: 0.320 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Tgt Ion:225 Resp: 2404

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.1	76.7



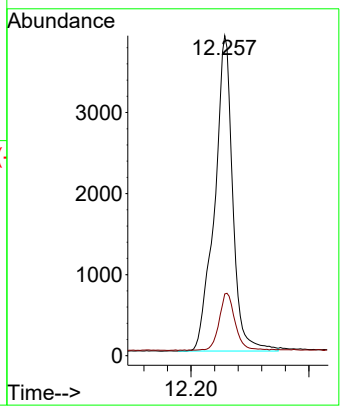


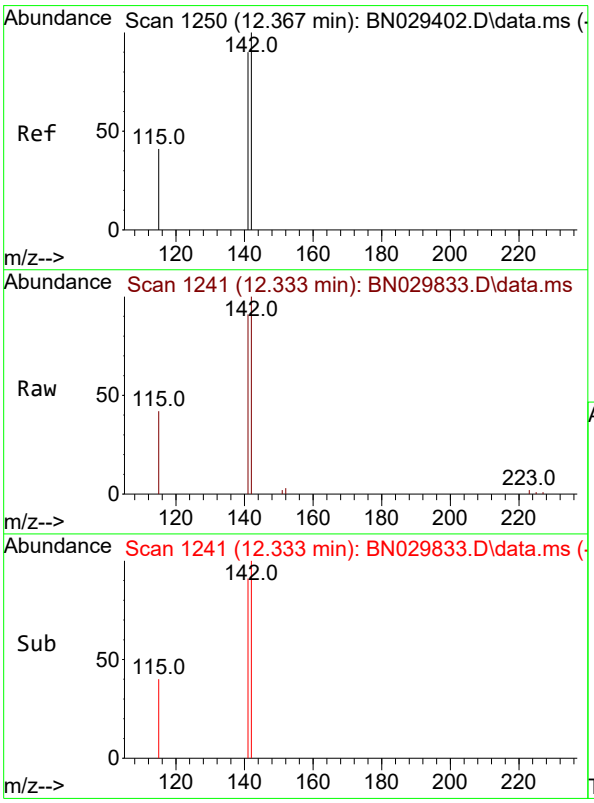
#11
2-Methylnaphthalene-d10
Concen: 0.440 ng
RT: 12.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB158968BSD

Tgt Ion:152 Resp: 8318

Ion	Ratio	Lower	Upper
152	100		
151	16.1	17.1	25.7#

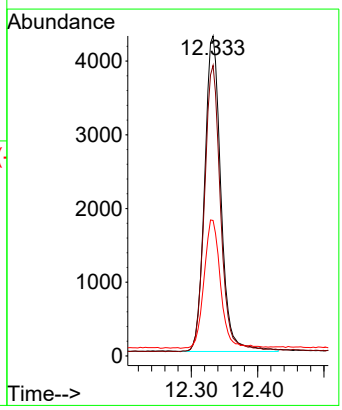


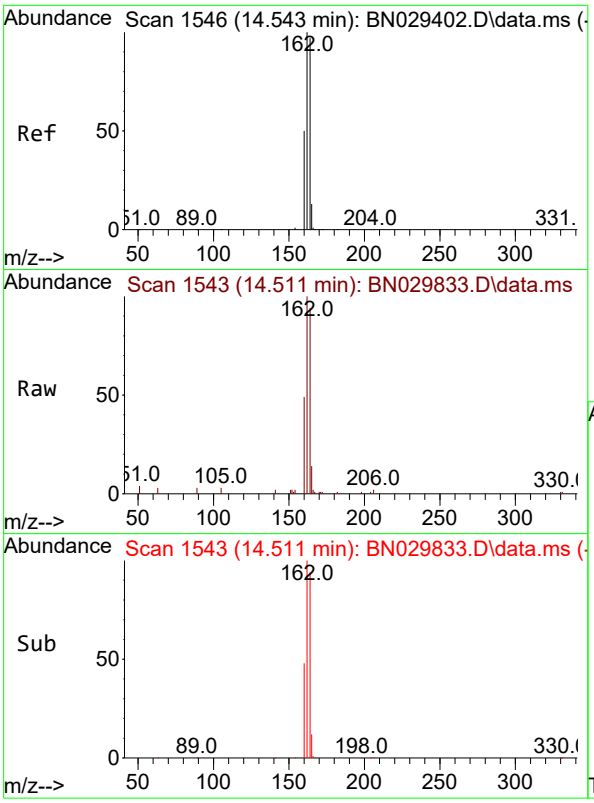


#12
2-Methylnaphthalene
Concen: 0.314 ng
RT: 12.333 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Tgt Ion:142 Resp: 7301

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.9	107.9
115	42.4	33.9	50.9



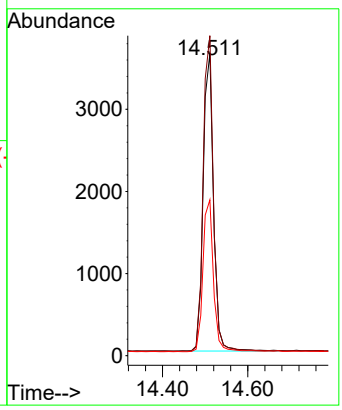


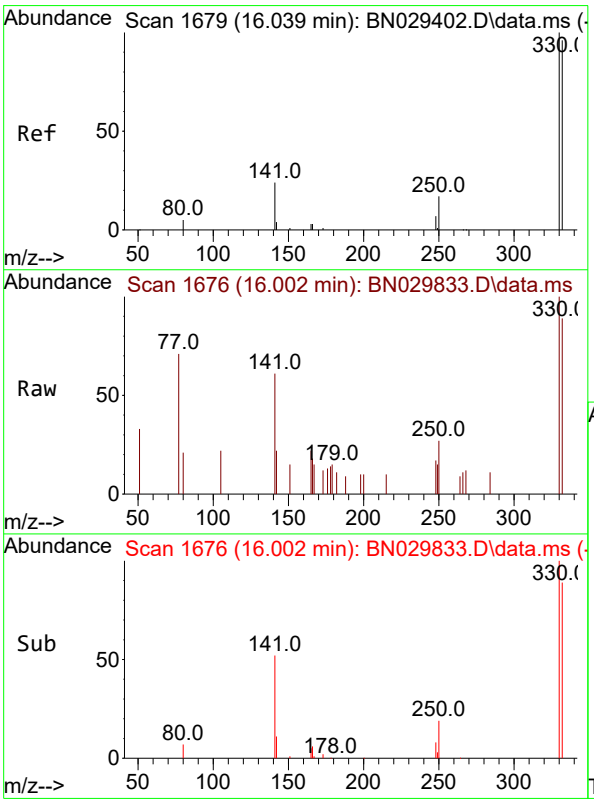
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.511 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB158968BSD

Tgt Ion:164 Resp: 6071

Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.6	123.8
160	51.6	41.5	62.3

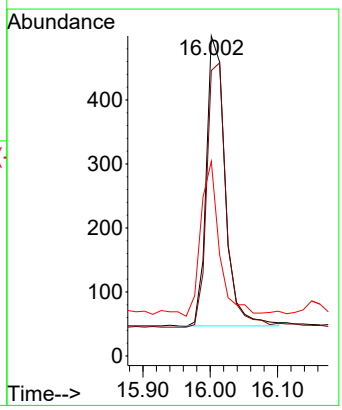


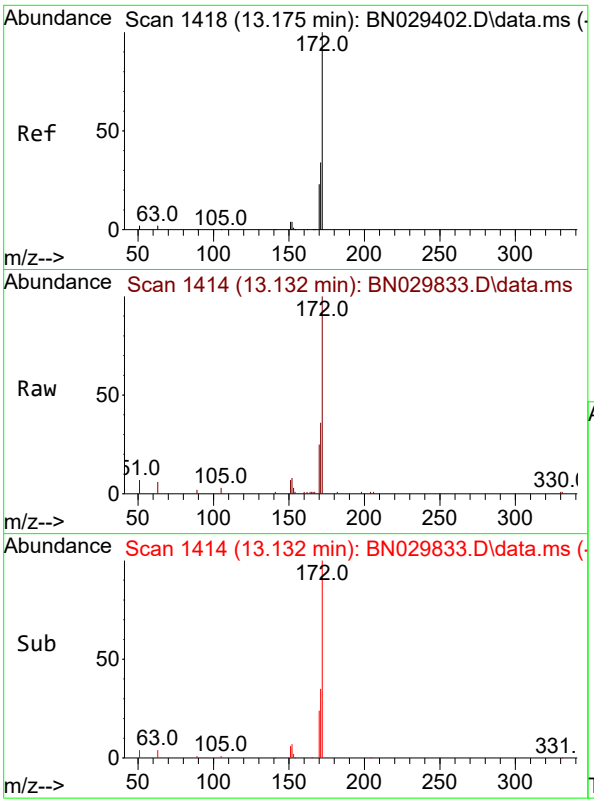


#14
2,4,6-Tribromophenol
Concen: 0.452 ng
RT: 16.002 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Tgt Ion:330 Resp: 880

Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.0	114.0
141	49.2	43.4	65.2



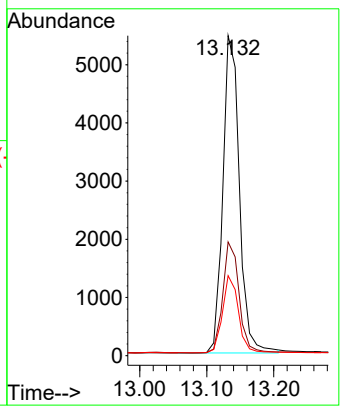


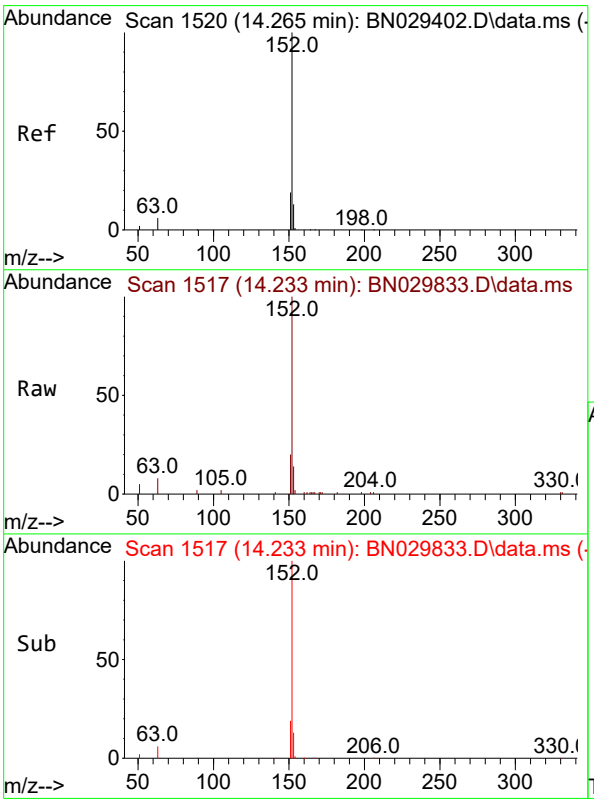
#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 13.132 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB158968BSD

Tgt Ion:172 Resp: 9362

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.0	42.0
170	25.0	18.7	28.1

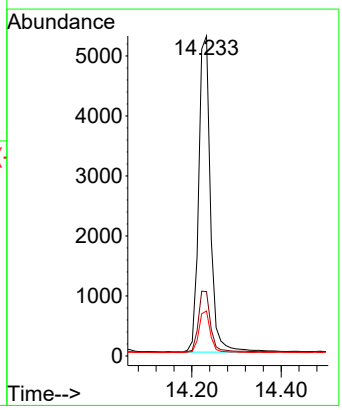


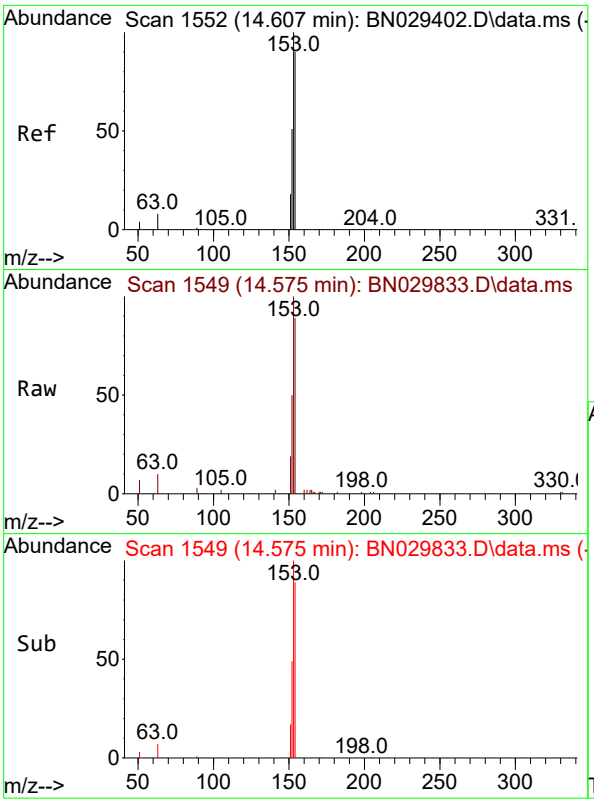


#16
Acenaphthylene
Concen: 0.335 ng
RT: 14.233 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Tgt Ion:152 Resp: 9671

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.0	10.5	15.7



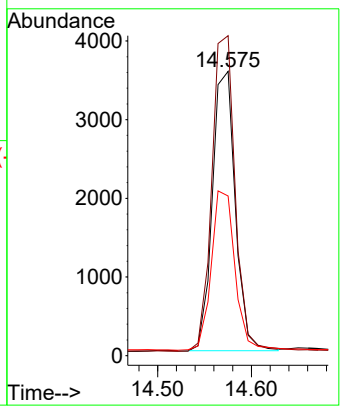


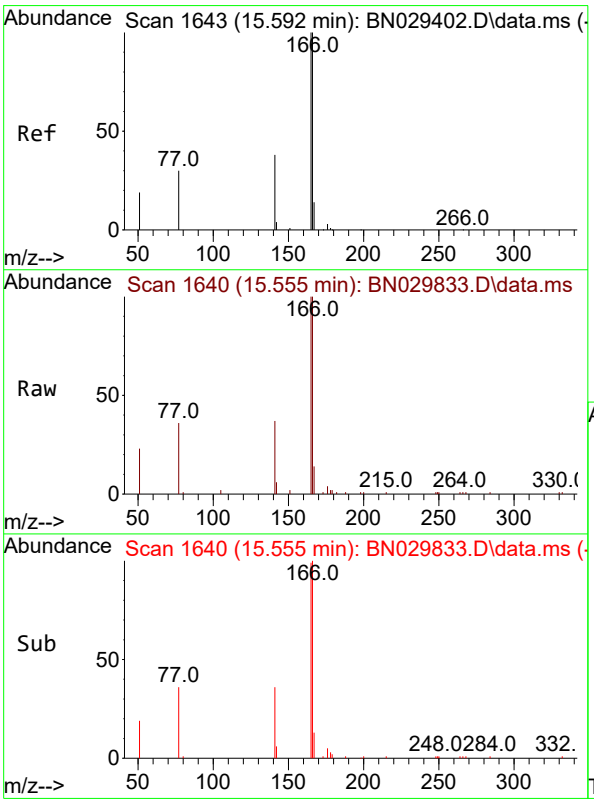
#17
Acenaphthene
Concen: 0.312 ng
RT: 14.575 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB158968BSD

Tgt Ion:154 Resp: 6032

Ion	Ratio	Lower	Upper
154	100		
153	116.3	93.6	140.4
152	59.7	48.6	73.0

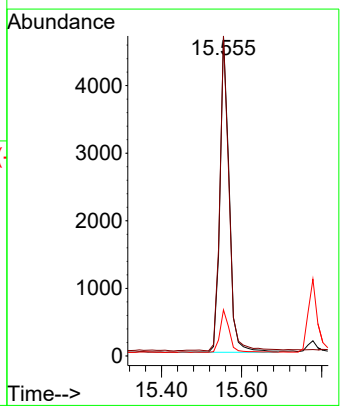


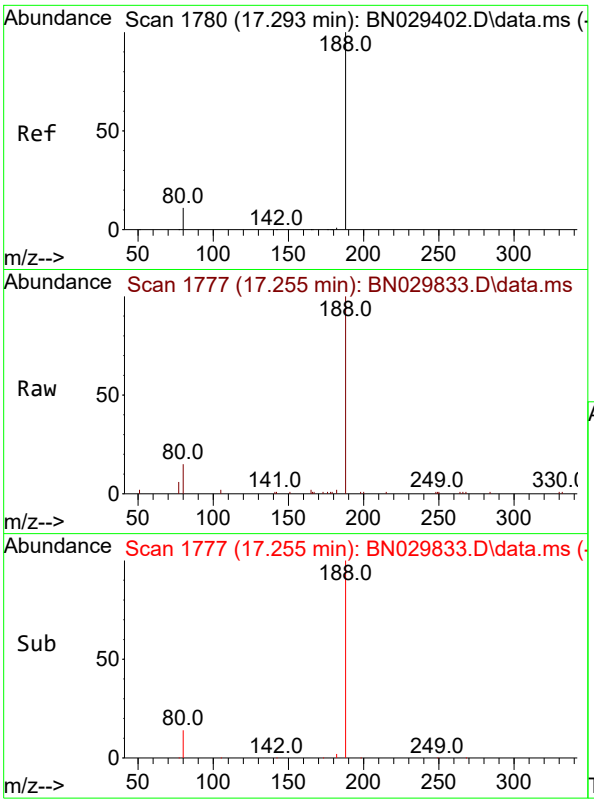


#18
Fluorene
Concen: 0.295 ng
RT: 15.555 min Scan# 1640
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Tgt Ion:166 Resp: 7165

Ion	Ratio	Lower	Upper
166	100		
165	102.2	79.9	119.9
167	14.2	11.3	16.9



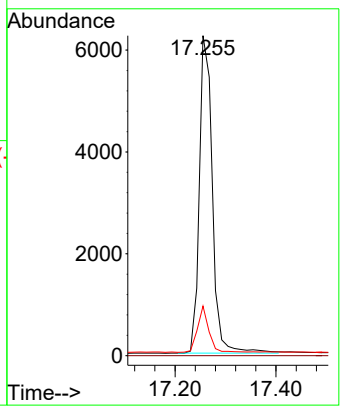


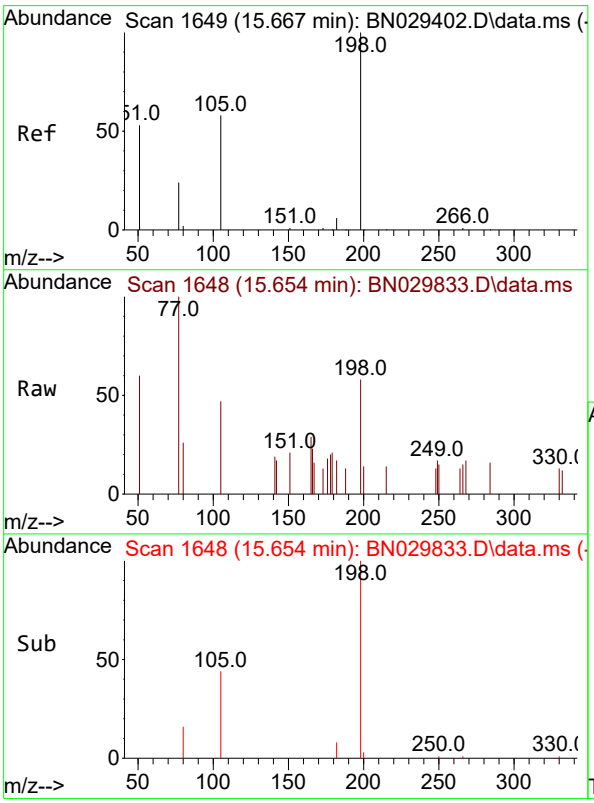
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB158968BSD

Tgt Ion:188 Resp: 11202

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.5	10.0	15.0#

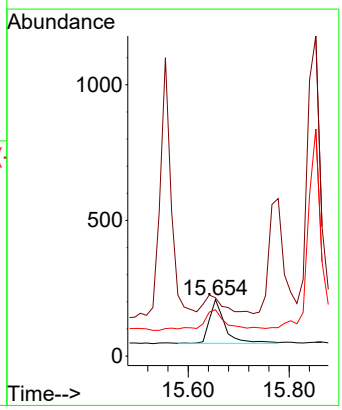


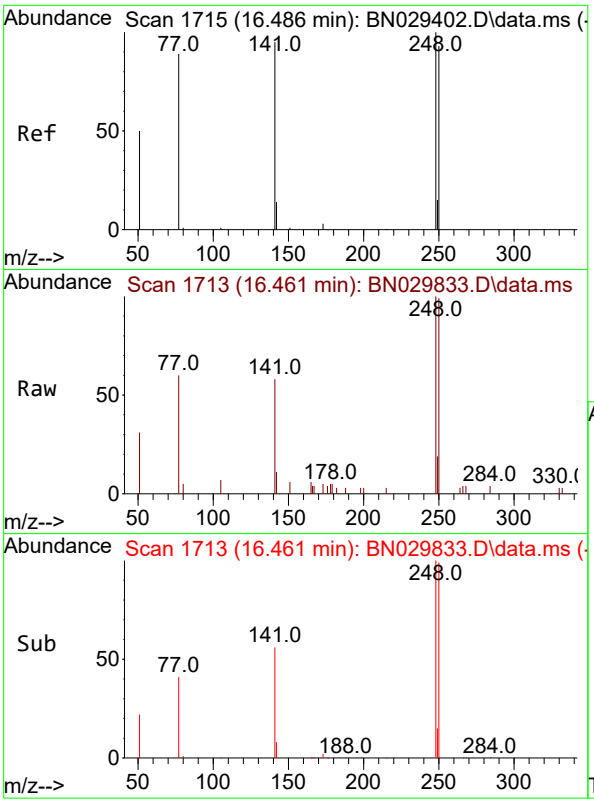


#20
4,6-Dinitro-2-methylphenol
Concen: 0.208 ng
RT: 15.654 min Scan# 1648
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Tgt Ion:198 Resp: 342

Ion	Ratio	Lower	Upper
198	100		
51	103.4	111.0	166.6#
105	82.2	67.0	100.6



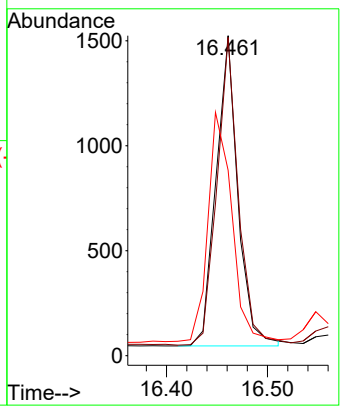


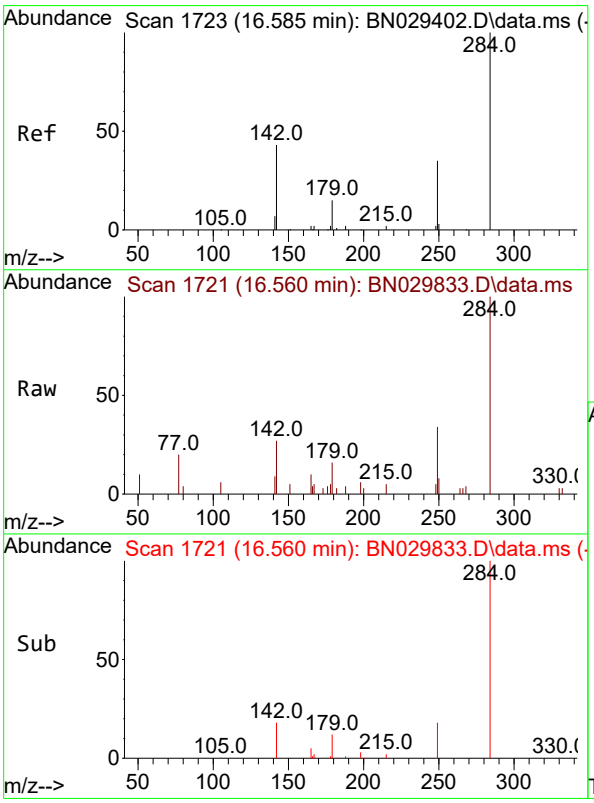
#21
4-Bromophenyl-phenylether
Concen: 0.332 ng
RT: 16.461 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB158968BSD

Tgt Ion:248 Resp: 2215

Ion	Ratio	Lower	Upper
248	100		
250	99.5	75.0	112.4
141	57.9	77.0	115.6#

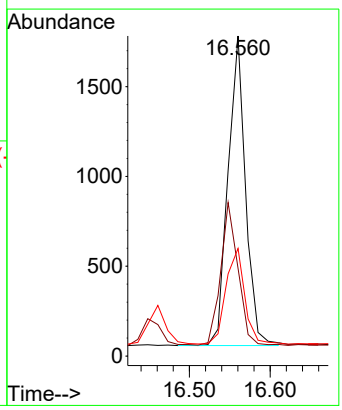


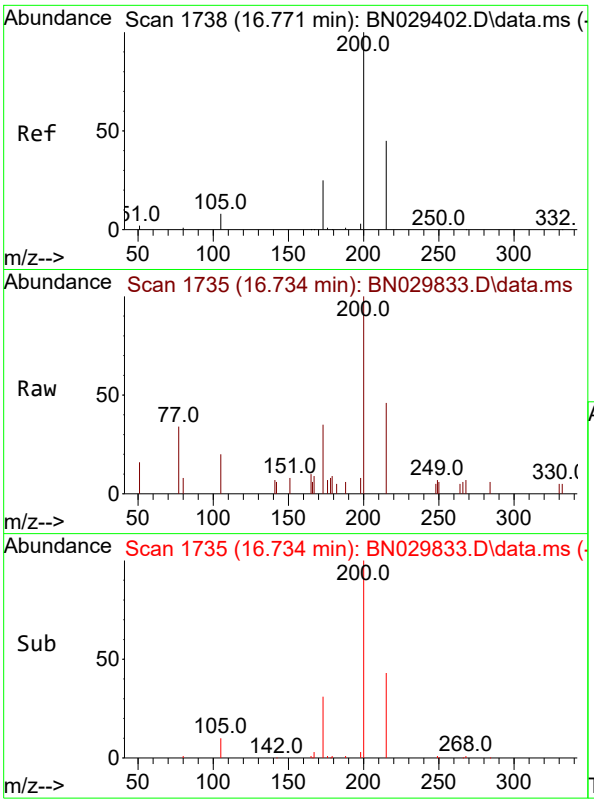


#22
Hexachlorobenzene
Concen: 0.318 ng
RT: 16.560 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Tgt Ion:284 Resp: 2604

Ion	Ratio	Lower	Upper
284	100		
142	45.2	39.4	59.2
249	33.1	26.9	40.3



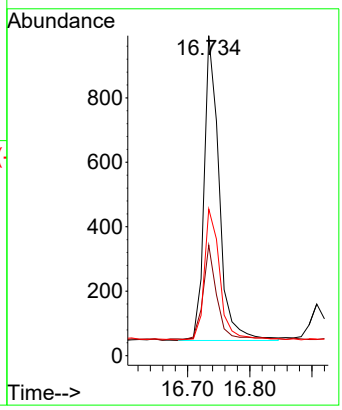


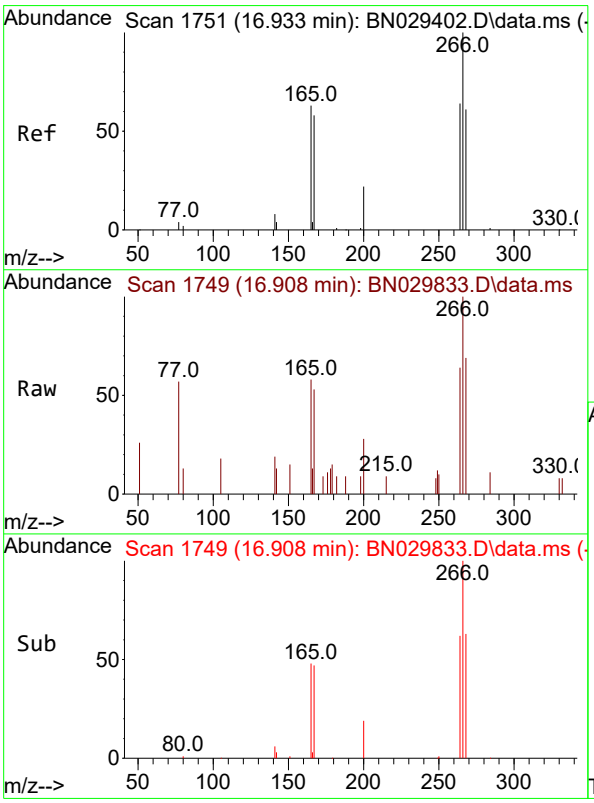
#23
Atrazine
Concen: 0.336 ng
RT: 16.734 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB158968BSD

Tgt Ion:200 Resp: 1594

Ion	Ratio	Lower	Upper
200	100		
173	34.5	23.4	35.0
215	45.8	38.4	57.6

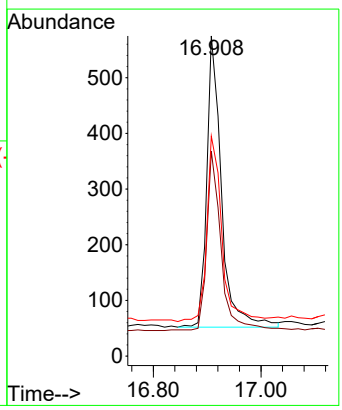


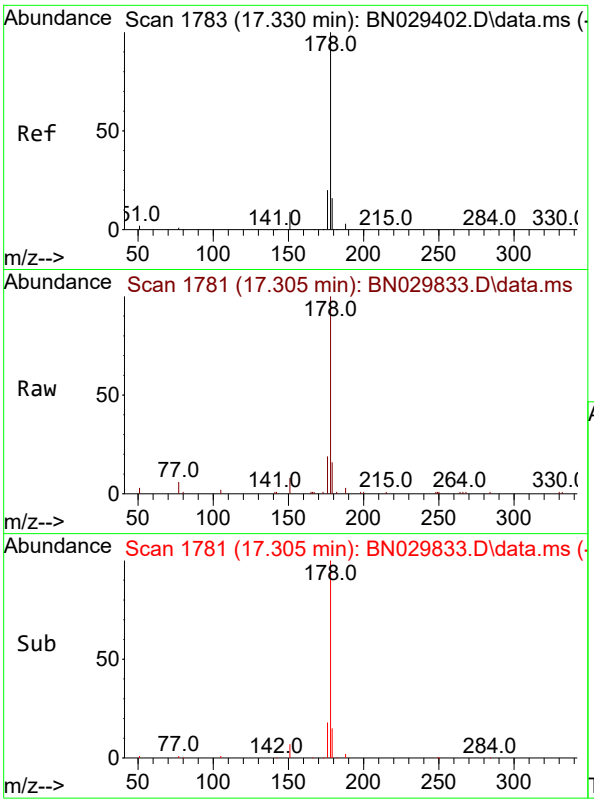


#24
Pentachlorophenol
Concen: 0.382 ng
RT: 16.908 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Tgt Ion:266 Resp: 991

Ion	Ratio	Lower	Upper
266	100		
264	58.7	50.8	76.2
268	65.0	51.5	77.3



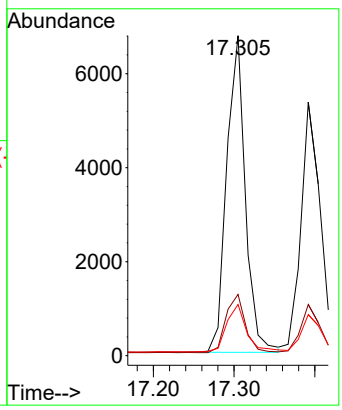


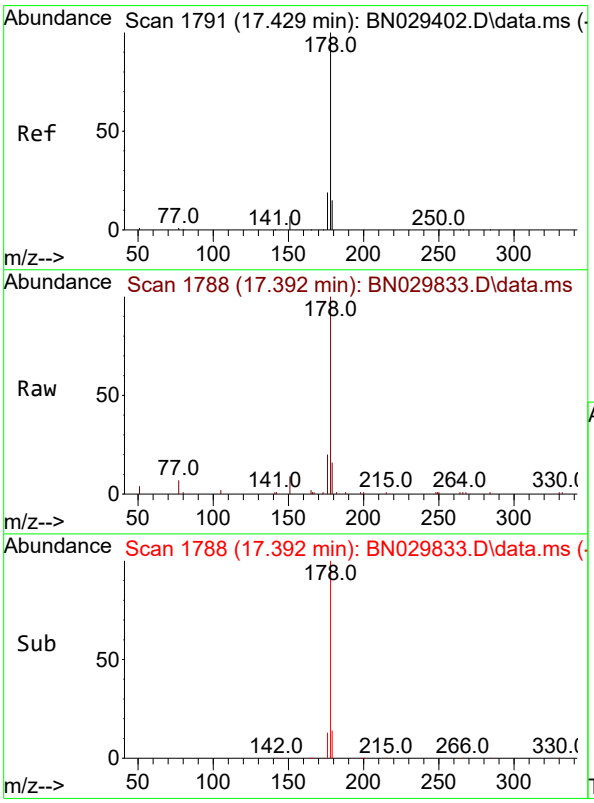
#25
Phenanthrene
Concen: 0.327 ng
RT: 17.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB158968BSD

Tgt Ion:178 Resp: 10840

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	16.5	12.6	19.0

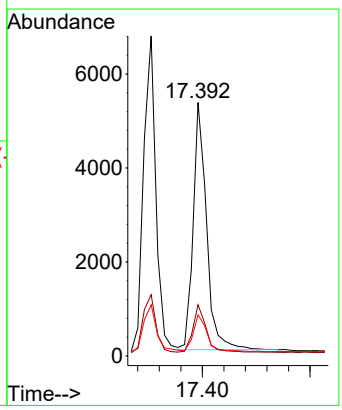


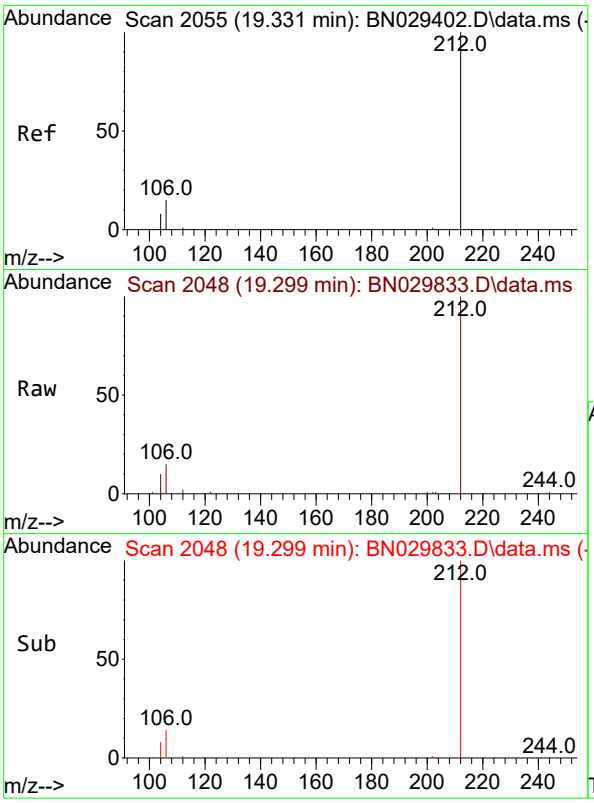


#26
Anthracene
Concen: 0.322 ng
RT: 17.392 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Tgt Ion:178 Resp: 9098

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.5	12.3	18.5



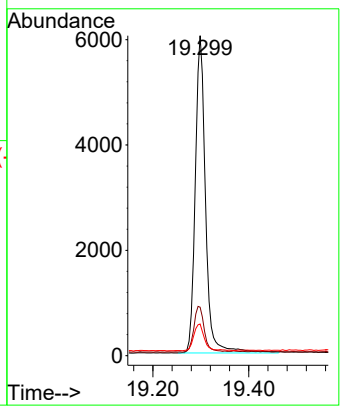


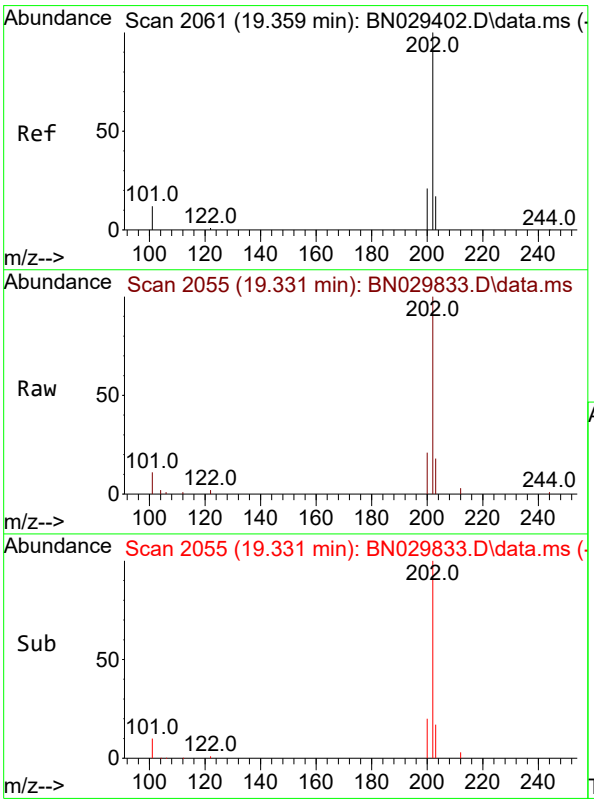
#27
Fluoranthene-d10
Concen: 0.333 ng
RT: 19.299 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB158968BSD

Tgt Ion:212 Resp: 9024

Ion	Ratio	Lower	Upper
212	100		
106	14.7	13.2	19.8
104	8.7	7.7	11.5

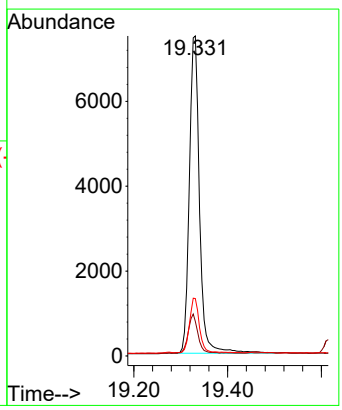


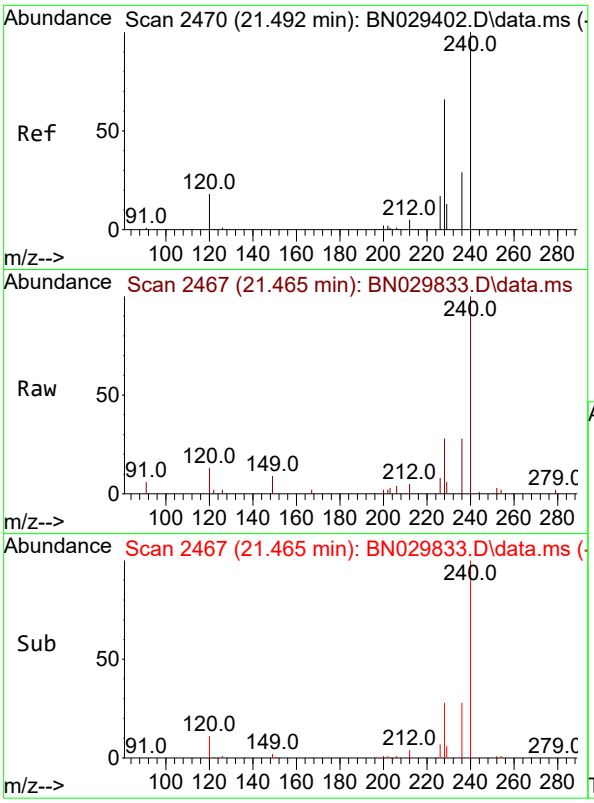


#28
Fluoranthene
Concen: 0.303 ng
RT: 19.331 min Scan# 2055
Delta R.T. 0.005 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Tgt Ion:202 Resp: 11277

Ion	Ratio	Lower	Upper
202	100		
101	11.5	10.5	15.7
203	16.7	13.5	20.3



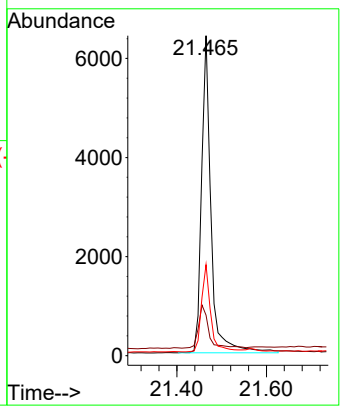


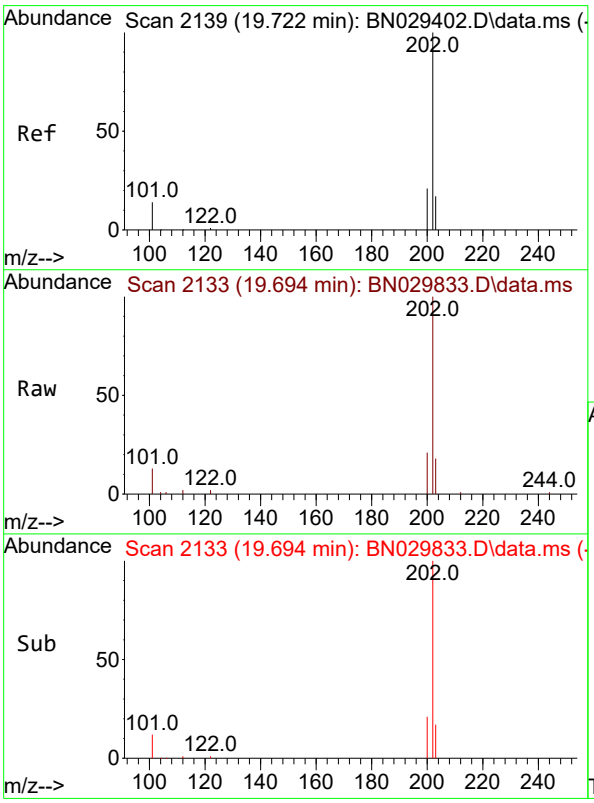
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.465 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB158968BSD

Tgt Ion:240 Resp: 9431

Ion	Ratio	Lower	Upper
240	100		
120	12.6	16.7	25.1#
236	28.4	23.9	35.9

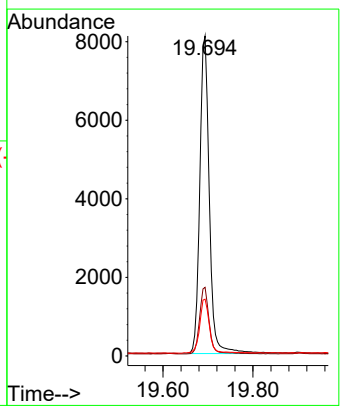


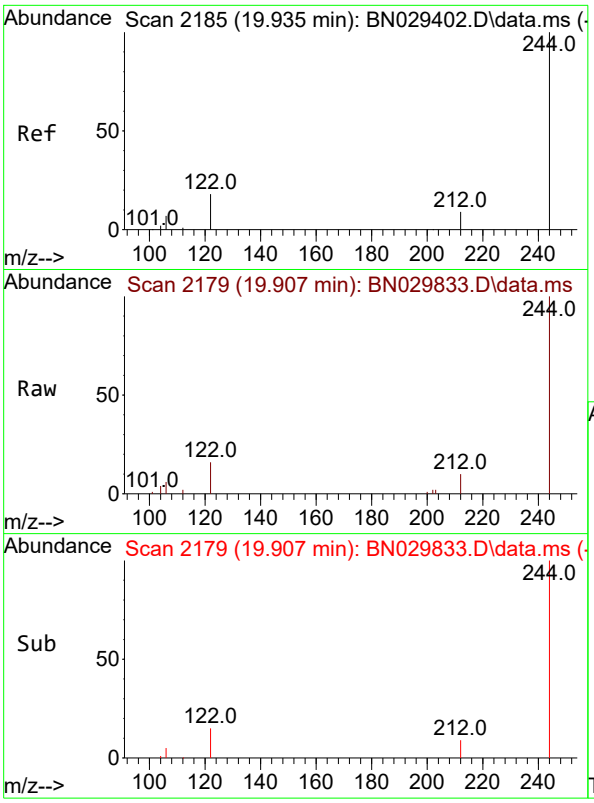


#30
Pyrene
Concen: 0.276 ng
RT: 19.694 min Scan# 2133
Delta R.T. 0.005 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Tgt Ion:202 Resp: 11968

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.3	14.2	21.4



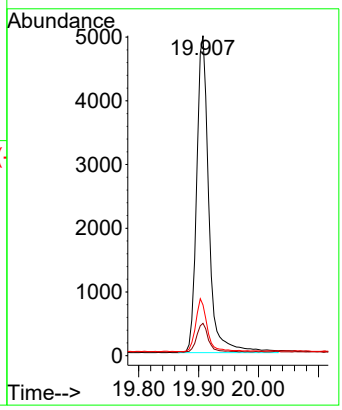


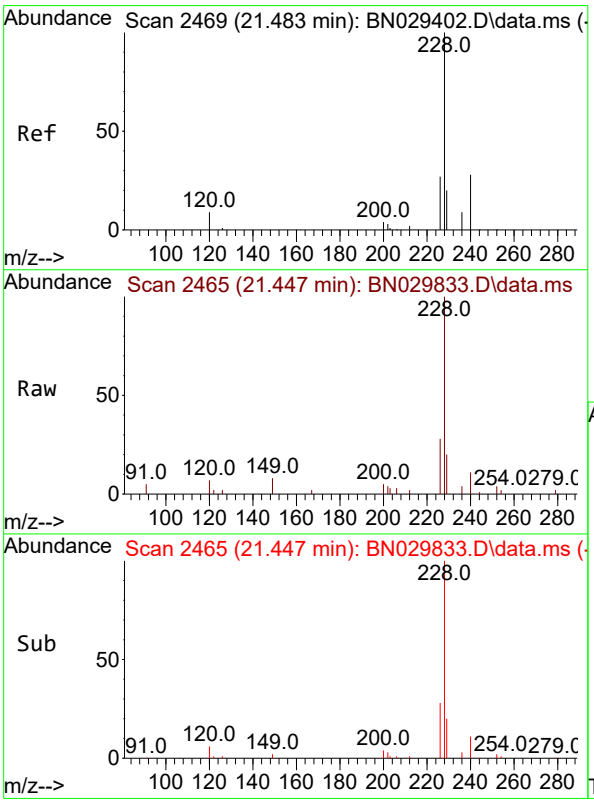
#31
Terphenyl-d14
Concen: 0.302 ng
RT: 19.907 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB158968BSD

Tgt Ion:244 Resp: 7058

Ion	Ratio	Lower	Upper
244	100		
212	10.1	8.2	12.4
122	15.8	15.6	23.4

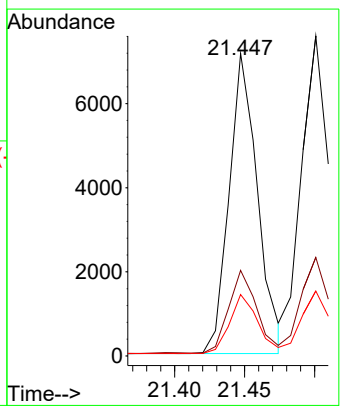


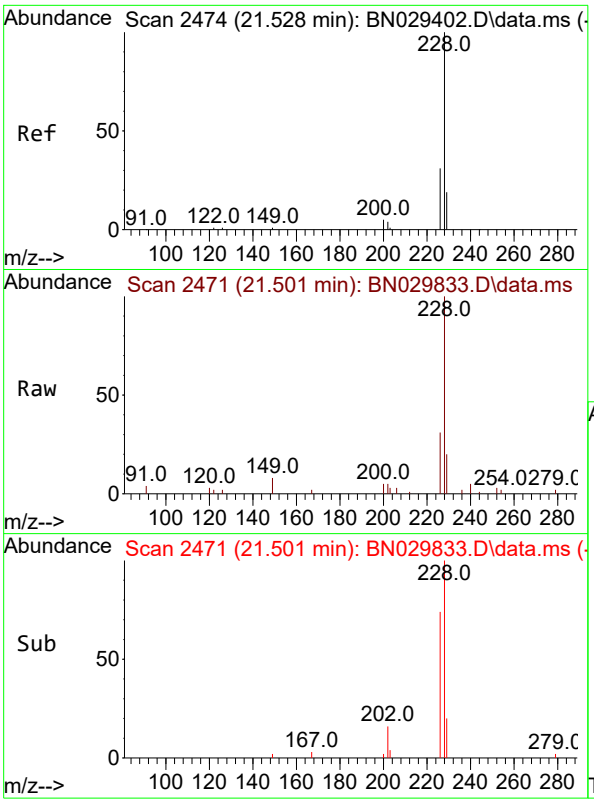


#32
Benzo(a)anthracene
Concen: 0.314 ng
RT: 21.447 min Scan# 2465
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Tgt Ion:228 Resp: 10110

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.2	33.4
229	20.3	16.5	24.7



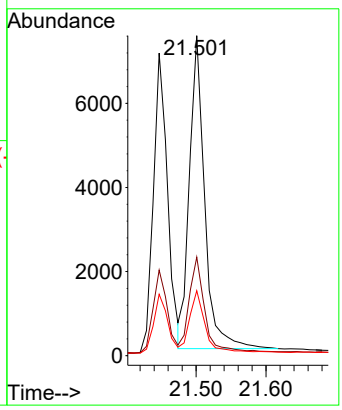


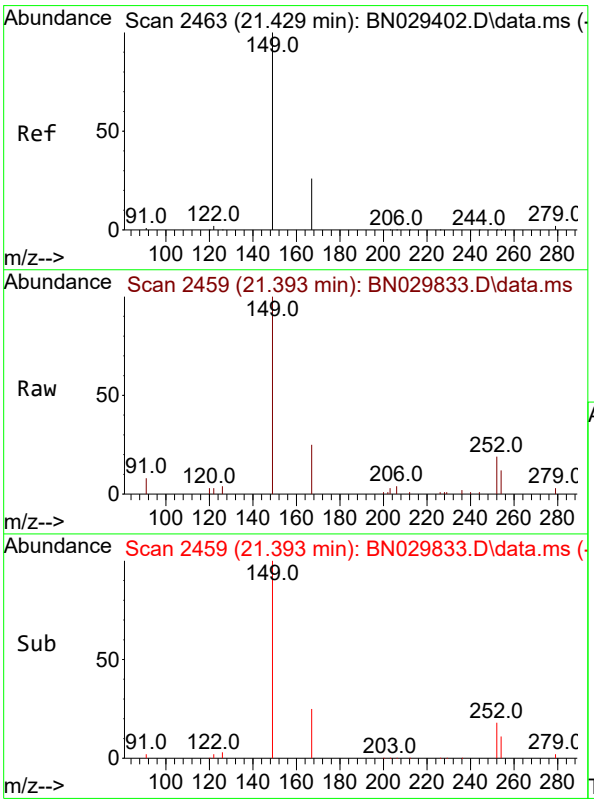
#33
Chrysene
Concen: 0.307 ng
RT: 21.501 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB158968BSD

Tgt Ion:228 Resp: 11258

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	20.3	15.9	23.9

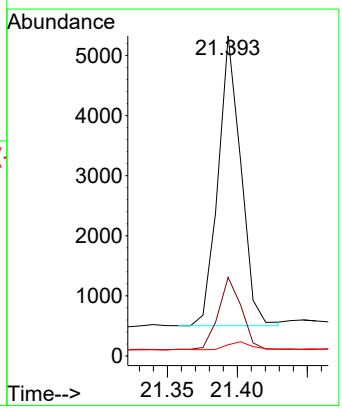


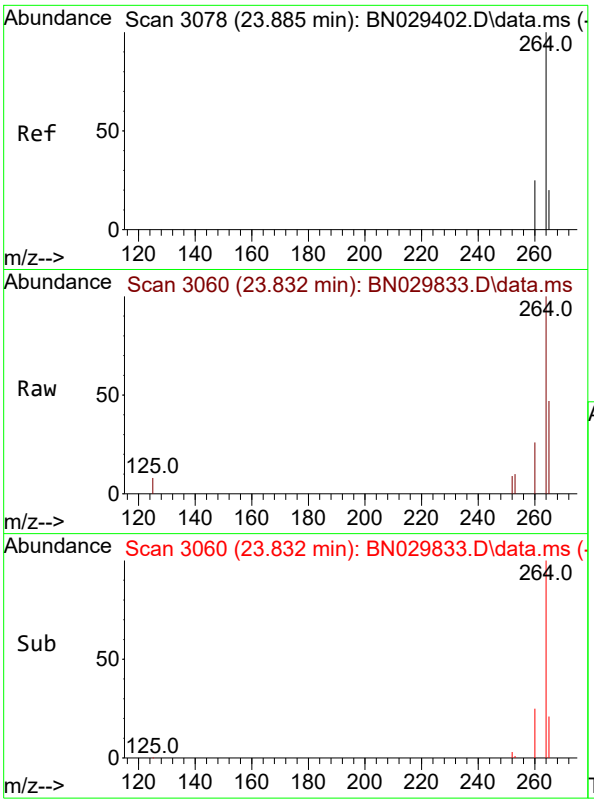


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.248 ng
RT: 21.393 min Scan# 2459
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Tgt Ion:149 Resp: 5449

Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.1	30.1
279	3.0	2.5	3.7



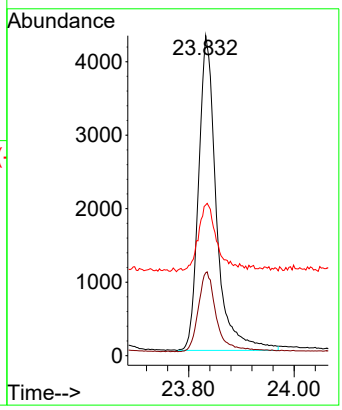


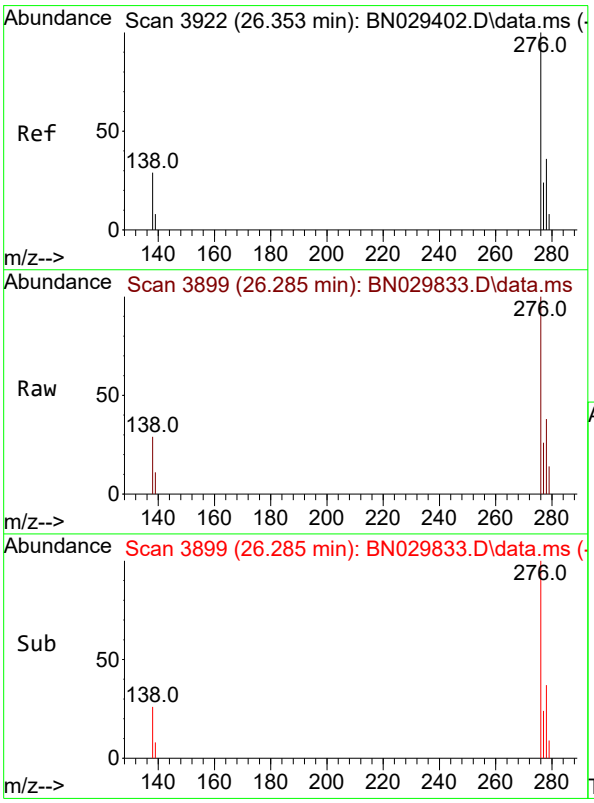
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.832 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB158968BSD

Tgt Ion:264 Resp: 10066

Ion	Ratio	Lower	Upper
264	100		
260	25.9	21.2	31.8
265	47.1	41.5	62.3

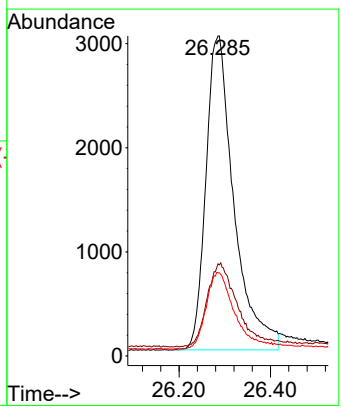


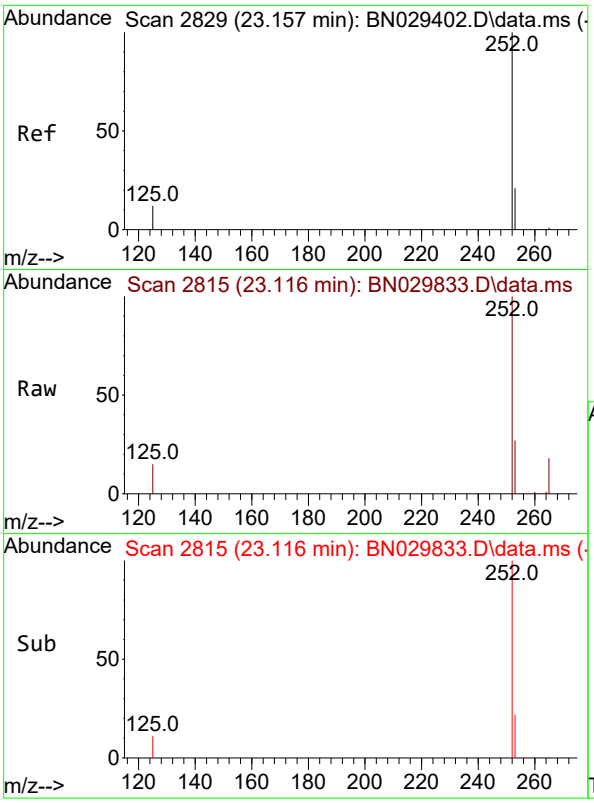


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.317 ng
RT: 26.285 min Scan# 3899
Delta R.T. 0.006 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Tgt Ion:276 Resp: 12837

Ion	Ratio	Lower	Upper
276	100		
138	28.6	20.5	30.7
277	24.7	17.0	25.4



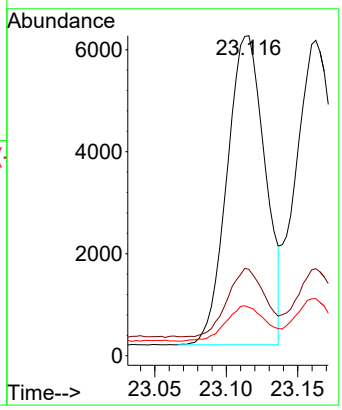


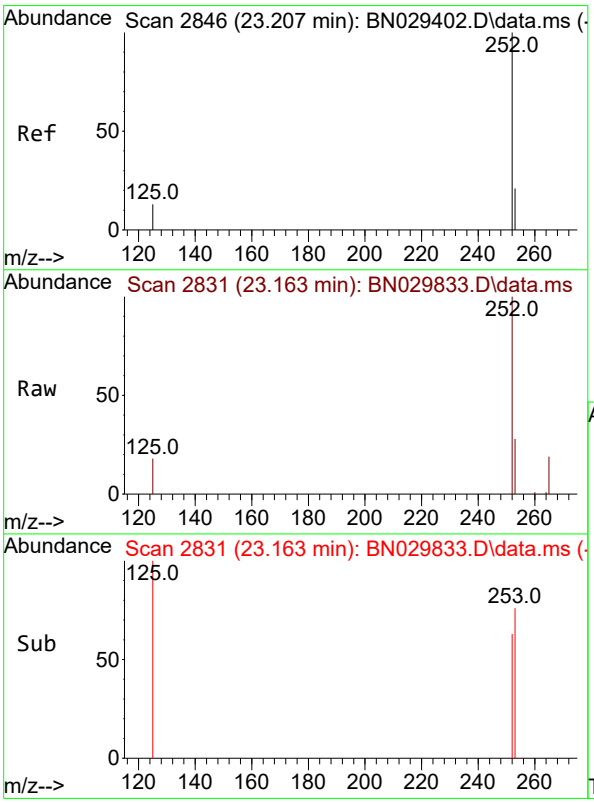
#37
Benzo(b)fluoranthene
Concen: 0.312 ng
RT: 23.116 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB158968BSD

Tgt Ion:252 Resp: 11222

Ion	Ratio	Lower	Upper
252	100		
253	27.0	21.7	32.5
125	15.1	13.3	19.9

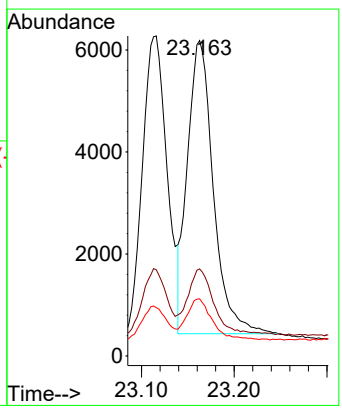


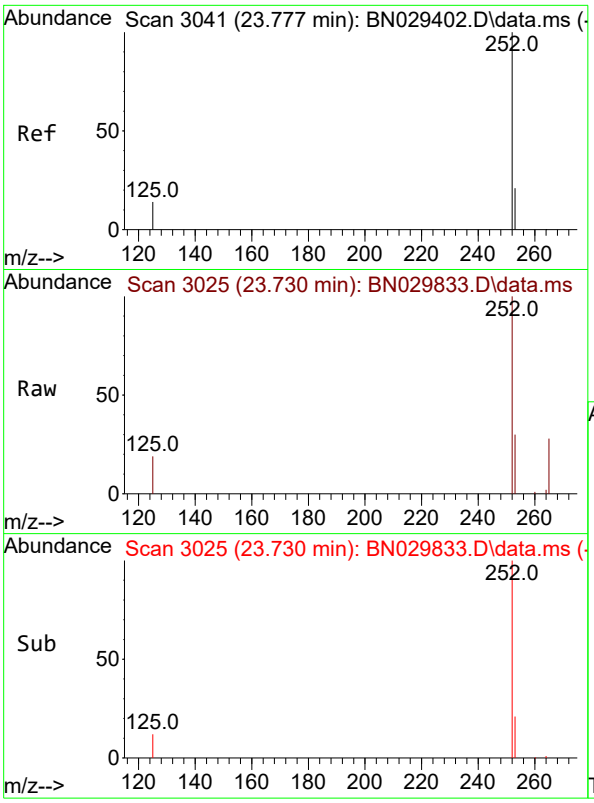


#38
Benzo(k)fluoranthene
Concen: 0.297 ng
RT: 23.163 min Scan# 2831
Delta R.T. 0.003 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Tgt Ion:252 Resp: 11179

Ion	Ratio	Lower	Upper
252	100		
253	27.6	21.8	32.8
125	18.1	13.9	20.9



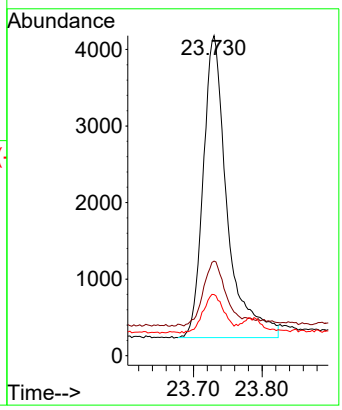


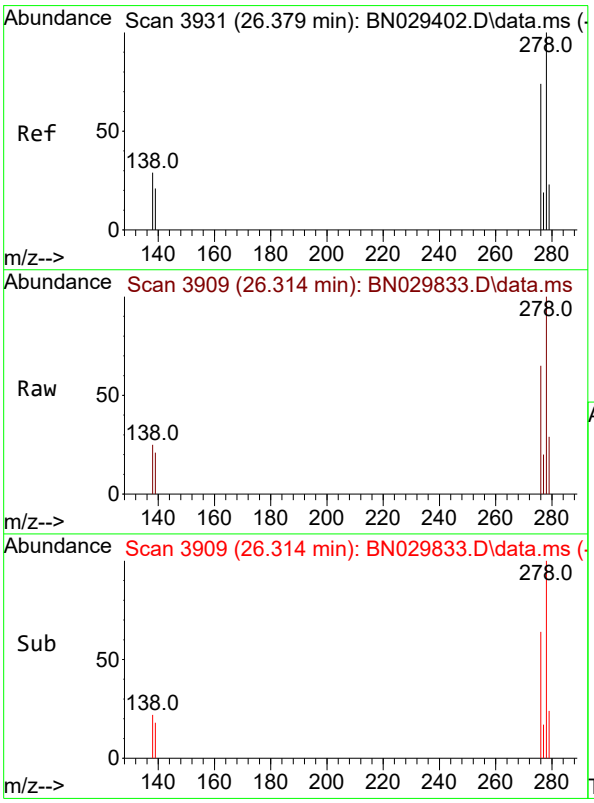
#39
Benzo(a)pyrene
Concen: 0.305 ng
RT: 23.730 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB158968BSD

Tgt Ion:252 Resp: 9555

Ion	Ratio	Lower	Upper
252	100		
253	29.6	24.9	37.3
125	19.1	16.6	25.0

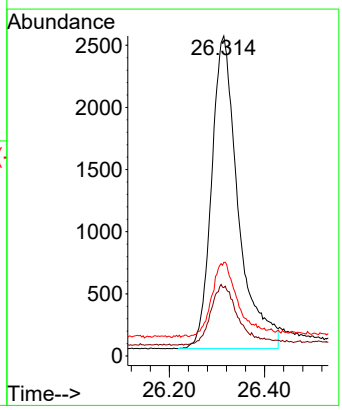


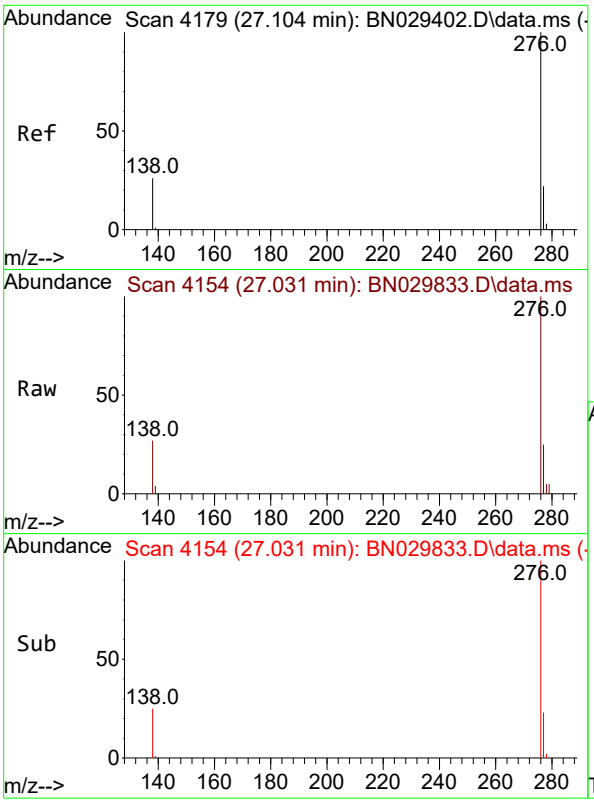


#40
Dibenzo(a,h)anthracene
Concen: 0.303 ng
RT: 26.314 min Scan# 3909
Delta R.T. 0.003 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Tgt Ion:278 Resp: 9752

Ion	Ratio	Lower	Upper
278	100		
139	21.4	20.4	30.6
279	29.3	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.296 ng
RT: 27.031 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN029833.D
Acq: 16 Feb 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB158968BSD

Tgt Ion:276 Resp: 11631

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.4	29.2
138	27.1	23.5	35.3